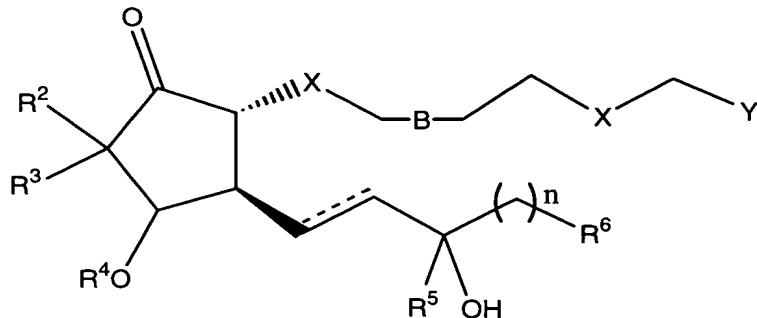


## ABSTRACT

- The present invention provides a method of treating ocular hypertension or glaucoma which comprises administering to an animal having ocular hypertension or glaucoma therapeutically effective amount of a compound represented by the general formula I;
- 5

**Formula I**

10 wherein the dashed line indicates the presence or absence of a bond, the hatched wedge indicates the  $\alpha$  (down) configuration, and the solid triangle indicates the  $\beta$  (up) configuration;

B is a single, double, or triple covalent bond;

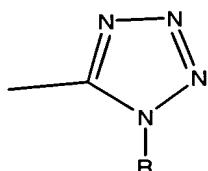
n is 0-6;

15 X is CH<sub>2</sub>, S or O;

Y is any pharmaceutically acceptable salt of CO<sub>2</sub>H, or CO<sub>2</sub>R, CONR<sub>2</sub>,

CONHCH<sub>2</sub>CH<sub>2</sub>OH, CON(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, CH<sub>2</sub>OR, P(O)(OR)<sub>2</sub>, CONRSO<sub>2</sub>R,

SONR<sub>2</sub>, or



20 R is H, C<sub>1-6</sub> alkyl or C<sub>2-6</sub> alkenyl;

R<sup>2</sup> and R<sup>3</sup> are C<sub>1-6</sub> linear alkyl which may be the same or different, and may be bonded to each other such that they form a ring incorporating the carbon to which they are commonly attached;

$R^4$  is hydrogen, R, C(=O)R, or any group that is easily removed under physiological conditions such that  $R^4$  is effectively hydrogen;

$R^5$  is hydrogen or R;

$R^6$  is

- 5            i)        hydrogen;  
              ii)      a linear or branched hydrocarbon containing between 1 and 8  
                carbon atoms, which may contain one or more double or triple bonds, or  
                oxygen or halogen derivatives of said hydrocarbon, wherein 1-3 carbon  
                or hydrogen atoms may be substituted by O or a halogen; or  
10           iii)     aryloxy, heteroaryloxy,  $C_{3-8}$  cycloalkyloxy,  $C_{3-8}$  cycloalkyl,  $C_{6-10}$   
              aryl or  $C_{3-10}$  heteroaryl, wherein one or more carbons is substituted with  
              N, O, or S; and which may contain one or more substituents selected  
              from the group consisting of halogen, trihalomethyl, cyano, nitro, amino,  
              hydroxy,  $C_{6-10}$  aryl,  $C_{3-10}$  heteroaryl, aryloxy, heteroaryloxy,  $C_{1-6}$  alkyl,  
15           OR, SR, and  $SO_2R$ .

Some of the compounds of the present invention and some of their methods of preparation are also novel and nonobvious.